UNIVERSITY OF KANSAS
THE SCHOOL OF PHARMACY
Lawrence, Kansas

October 3, 1958

Dr. Robert C. Hockett
Associate Scientific Director
Tobacco Industry Research Committee
150 East 42nd Street, New York 17, N. Y.

Dear Doctor Hockett:

Thank you for your recent letter containing your interesting comments concerning the report which I had submitted.

You are right concerning the article in J.A. Ph. A. as this work was the basis of our original request for a grant to T.I.R.C. It was an oversight on my part in not sending reprints of this article and I am enclosing them with this letter. Incidentally, the material submitted in this report (supported by T.I.R.C.) has been accepted by Circulation Research in essentially the same form. A publication date has not yet been set.

Your ideas concerning the mechanism by which nicotine and cholesterol interact are in line with my own thinking on the subject. I have arbitrarily divided the approaches to the problem into three categories.

First, I am interested in determining in greater detail the extent and nature of the atherosclerotic changes. We are now, of course, studying the peripheral manifestations in the rabbit. The rat is also to be used to determine possible species differences. I have in mind another study involving the rat that may make it possible to quantitate cerebrovascular atherosclerosis.

Secondly, the mechanism of the interaction is obviously important and I too have considered among other things the possible role of hypertension. The rat may be particularly useful in such a study. Other approaches could be directed toward the detection of physical changes in the intima or of metabolic changes affecting its functions.

Thirdly, the problem of how to prevent the interaction may be attacked directly by empirical procedures. We have been considering the various aspects of the niacin-nicotine relationship. On several practical and theoretical counts this does appear to be a good possibility for explaining the interaction.

One of my personal problems has been to obtain qualified graduate assistants for these projects and once obtained to provide them with some financial support. The grants which I have received from the Tobacco Industry Research Committee have helped considerably. I am, however, concerned with the planning of long range studies. For example, is it possible to obtain grants with a three-year commitment? This would make it easier

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to obtain the necessary assistants in a keenly competitive market.

I have considered attending the American Public Health meeting in St. Louis, but will probably be unable to come because of a rather confining teaching and research load. Our University policy also makes it rather difficult to attend any meetings other than those at which papers are presented and these requests must be submitted at least one month in advance.

I would enjoy getting together with you should you find time to travel to Lawrence. If this is possible at any time I would be happy to make arrangements for your stay and to pick you up at Kansas City if you come by air.

Sincerely,

/s./

Duane G. Wenzel, Ph. D.
Professor, Pharmacology

DGW/c
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